

IN THE CLAIMS

Claim 1 (Cancelled).

Claim 2 (Cancelled).

Claim 3 (Cancelled).

Claim 4 (Currently Amended): A process for manufacturing a self-adhesive molded silicone part, comprising:

placing into a half-mold (M1) comprising a hollow cavity (E₁) an adhesive stack comprising a removable protective sheet (Fp), a first adhesive layer (Ce), an intermediate sheet (Fi), and a second adhesive layer (Cs);

wherein the second adhesive is coated on one side with a silicone-based bonding element;

joining a second half-mold (M2) comprising a second hollow cavity (E₂) with half-mold (M1) comprising said adhesive stack, wherein the cavities of the half-molds face one another, to create a cavity;

injecting a silicone resin (R) into the cavity produced by the joining of half-molds M1 and M2;

curing the mold injected silicone resin; and

demolding the resultant self-adhesive molded silicone part.

Claim 5 (Currently Amended): The process according to claim 4, wherein the width (l₁) of the first hollow cavity (E₁) is greater than the width (l₂) of the second hollow cavity (E₂); wherein said widths are parallel to the face of the self-adhesive molded silicone part.

Claim 6 (Currently Amended): The process according to claim 4, wherein the width (l_1) of the first hollow cavity (E_1) is the same as the width (l_2) of the second hollow cavity (E_2); wherein said widths are parallel to the face of the self-adhesive molded silicone part.

Claim 7 (Previously Presented): The process according to claim 4, wherein the half molds M1 and M2 are made of a material that does not chemically react with the silicone resin.

Claim 8 (Previously Presented): The process according to claim 4, wherein the half molds M1 and M2 are made from aluminum.

Claim 9 (Previously Presented): The process according to claim 4, wherein the layers of the adhesive stack are arranged in the half-mold (M1) in succession such that the removable protective sheet (Fp) covers the exposed surface of the bottom of the half-mold M1 (F1); the first adhesive layer (Ce) completely covers the exposed surface of the removable protective sheet (Fp), the intermediate sheet (Fi) completely covers the exposed surface of the first adhesive layer (Ce), and the second adhesive layer (Cs) completely covers the exposed surface of the intermediate sheet (Fi), which provides an assembled stack in which the second adhesive layer (Cs) comes in contact with the silicone resin (R).

Claim 10 (Previously Presented): The process according to claim 4, wherein the adhesive stack is held in place within the mold by applying suction to or by bonding the bottom the removable protective layer (Fp) to the bottom of the half-mold M1 (F1).

Claim 11 (Previously Presented): The process according to claim 4, wherein the first adhesive layer (Ce) is a non-silicone based adhesive, and the second adhesive layer (Cs) is a silicone-based adhesive.

Claim 12 (Previously Presented): The process according to claim 4, further comprising removing the removable protective sheet (Fp) once the self-adhesive molded silicone part has been demolded to expose a surface of adhesive layer (Ce).

Claim 13 (Previously Presented): The process according to claim 12, further comprising adhering the self-adhesive molded silicone part to a substrate.

Claim 14 (Previously Presented): The process according to claim 4, wherein said self-adhesive molded silicone part is a seal.

Claim 15 (Previously Presented): The process according to claim 4, wherein said self-adhesive molded silicone part is a blocking joint.

Claim 16 (Previously Presented): The process according to claim 4, wherein said self-adhesive molded silicone part is a damper.

DISCUSSION OF THE AMENDMENT

Claims 1-3 were previously cancelled without prejudice.

Claims 4-16 are currently pending.

Claims 4-6 are amended.

Claims 7-16 are previously presented.

Support for the amendment to claim 4 is found on page 6, prenumbered lines 27-36.

Support for the amendment to claims 5-6 is found on page 6, prenumbered lines 1-6, and in the figure.

Support for the amendment to claim 4 is found in original claim 1 and on page 6, ll. 27-36.

It is believed that no new matter is introduced upon entry of this Amendment. Upon entry of this Amendment Claims 4-16 will be active.